

## **Syllabus: Social Statistics Lab**

Course: SOC1 476L  
Session: Summer I 2009  
Time: 10:30 – 11:45 am (Mon. & Wed.) for SAUND 342 for Lab  
Instructor: Hosik Min, PhD  
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Phone: 808-956-3339  
Office Hours: TTh 10:30-11:30 pm & by Appointment  
Office: Miller Annex MA-2

### **COURSE DESCRIPTION**

This course accompanies with the regular social statistics in-class lectures. This course is specifically designed to learn and execute the concepts and techniques we covered from the lecture by using SPSS. Thus, all practices will follow the class lecture examples. But more importantly, I as an instructor will emphasize not only how to use SPSS, but also how to apply for your project or other purposes. By doing this, students will be able to use SPSS on their own purposes (See more complete explanation of this course in SOCI476 syllabus).

### **COURSE OBJECTIVES**

Upon successful completion of this course, you will be able to complete the following tasks:

1. How to open/close SPSS
2. How to Input Data into SPSS
3. How to Handle the data on your own purpose
4. How to Examine the basic statistics such as mean, median, frequency, percentage, variance, etc.
5. How to Create Chart, Table, and Graph
6. How to Conduct Various Inferential statistics (e.g., t-score)
7. How to Test hypotheses
8. How to Run the Statistical Model such as ANOVA and Regression

Again, these skills will be useful for your careers in two ways. First, statistics is the primary analytical method in sociology (and many other social sciences). For those of you who pursue academic careers, your statistical ability will influence your admissions to and performances in graduate programs as well as your research potentials as sociologists. Second, statistics also has a practical value for non-academic careers, because some jobs require experiences in data management and analysis (e.g., federal and state government jobs, marketing positions). Therefore, mastering the materials in this course will make you an attractive job candidate.

### **PREREQUISITES**

There are no formal prerequisites for this course. The instructor will provide all the steps you need to practice SPSS.

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## REQUIRED COURSE MATERIALS

### Text:

Richey, Ferris J. 2008. *The Statistical Imagination, 2nd Edition*. McGraw Hill. ISBN: 9780072943047. Available at UH Book Store and [www.amazon.com](http://www.amazon.com).

Bring your text to each class session; you will need it for in-class exercises.

### Recommended:

Miller, Jane E. *The Chicago Guide to Writing about Numbers*, The University of Chicago Press.

ISBN: 0226526313 Available at [www.amazon.com](http://www.amazon.com). Again, you do not have to purchase this book. But it will help to write about numbers in class as well as others.

### Computer Access:

You will learn how to use a computer program, called SPSS, which is available at Sociology computer labs. Hence, you do not need to purchase the software.

## COURSE REQUIREMENTS

### Attendance:

Class attendance is required. Unlike some other sociology courses, statistics requires you to gradually but constantly build your knowledge and skills. It is very difficult to catch up once you get behind. You are also expected to contribute to the class by asking questions, participating in class discussions, and working with each other for in-class exercises. Therefore, your attendance is essential for making these contributions.

**Absence Penalty:** See the grading section.

**Excuses:** The following and only the following absences are eligible to be excused: Religious holidays, as specified in UH policy; absences due to representing UH at official functions, including intercollegiate debating or varsity sports events; verified emergencies and/or medical illness. Medical illness refers to conditions that are serious in nature and require treatment by medical professionals and/or surgical or other treatments. Documentation is required for an absence to be excused.

**Religious Holidays:** Students will be allowed to miss class due to observance of religious holidays, but they are still responsible for all materials assigned outside and covered in class on the day(s) missed. You must talk with your instructor in advance of missing a class for religious holiday observance reasons.

**Sign-up Sheet:** I will circulate a sign-up sheet once at the beginning of every session. The person sitting in the last row is responsible to immediately return the sheet to me after signing.

**Coming in Late and Leaving Early:** If you come in late, see me after class session, so you can sign on the attendance sheet. If you know you will need to leave early, come talk to me before the class session. In the attendance sheet, circle your signature to indicate your partial attendance (coming late or leaving early), which will be counted as half attendance.

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## Assignments:

There will be no assignments, but it is better to understand class discussion on statistical concepts and analysis to practice SPSS correctly. For the final presentation project in this course, it is also better to focus on your selected topic during lab practice. The instructor will guide all the basic procedures for SPSS analysis.

**Collaboration Policy:** Please help each other, by all means, to exchange notes for missed class sessions, study for exams, etc. The assignments that you turn in should be your own work, however. Any form of violation will result in a "zero" for that particular assignment or an "F" for the course, at my discretion. See more information on the Honor Code below.

**Tests:** There will be no tests. As your project will incorporate your final score, preparing your project during the lab course is the way you can save your time while the instructor is present.

## GRADING

• **Absence Penalty.** No point reduction until the third unexcused absence (as defined in the attendance section). Start losing 10 points (from the 400 final score) each time from the fourth absence. Coming in late and leaving early count as .5 absence (5 points).

To convert your final score to a letter grade, I will first divide your final score by 650 and multiply by 100 to get a percentage and then use the following rule:

100-98 A+	97-94 A	92-90 A-
89-87 B+	86-83 B	82-80 B-
79-77 C+	76-73 C	72-70 C-
69-67 D+	66-63 D	62-60 D-
59- 0 F		

## Incomplete Grades

Missing work or uncompleted assignments are insufficient reasons for a grade of Incomplete. An Incomplete grade will not be given except under extenuating circumstances at the instructor's discretion.

## COURSE WEB SITE

When you register for this course, you automatically gain access to the Lulima web site. In this web site, you can view your assignment and test scores. You can also send email to me and your classmates through Lulima.

**Sending and receiving email:** I use Lulima to send email to the class about assignments, tests, materials covered in class sessions, etc. I may send email to some of you individually to ask questions about your assignments, tests, etc. All email messages from this course will be sent to your UH mailer accounts. If you use other accounts (e.g., yahoo, AOL), make sure to frequently check your UH accounts, too.

**Lecture outlines:** I will post lecture outlines on Lulima. I will do my best to post them before each class session, so those of you who are interested can print and bring them

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to class. But please note that the primary purpose of these outlines is to facilitate your review *after* each session.

## TEXTBOOK WEB SITE

Go to <[www.mhhe.com/ritchey3](http://www.mhhe.com/ritchey3)>, and then click "student resources" on the right-bottom menu. This textbook web site provides excellent resources, which can help you improve your skills and prepare for exams. The site includes interactive quizzes (similar to the end-of-the-chapter questions), general online statistical resources. The use of this site is optional.

## ACADEMIC HONOR POLICY

### Plagiarism

The following definition of plagiarism comes from the UH-Manoa Student Conduct Code: Plagiarism includes but is not limited to submitting, in fulfillment of an academic requirement, any work that has been copied in whole or in part from another individual's work without attributing that borrowed portion to the individual; neglecting to identify as a quotation another's idea and particular phrasing that was not assimilated into the student's language and style or paraphrasing a passage so that the reader is misled as to the source; submitting the same written or oral or artistic material in more than one course without obtaining authorization from the instructors involved; or "drylabbing," which includes obtaining and using experimental data and laboratory write-ups from other sections of a course or from previous terms. (**University of Hawai`i at Manoa Student Conduct Code (1992), p. 6**)

## CLASSROOM COURTESY

Classroom courtesy is necessary to ensure that all students have the opportunity to learn without distractions. This means no talking during lectures (unless recognized by the professor or discussion leader), reading newspapers, etc. during class.

### Cell Phone Use

You are not allowed to make/answer phone calls or send/receive text messages during class sessions. If you must have a cell phone to receive emergency calls about children or other family members, keep it on vibrate.

### Class Discussions

Class discussions can stimulate strong feelings and heated debate. Because this is a college classroom, all discussions must be scholarly. Failure to abide by these principles can result in academic penalties ranging from a lowered grade, to dismissal, to failing the course.

#### *Scholarly comments are:*

Respectful of diverse opinions and open to follow-up questions and/or disagreement; related to the class and course material; advance the discussion about issues related to the course and/or course material rather than personal beliefs; are delivered in normal tones and a non-aggressive manner.

#### *Unacceptable behaviors are:*

(a) Personal attacks. This includes attacks on a person's appearance, demeanor, or political beliefs. (b) Interrupting your instructor or other students. Raise your hand and

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wait to be called on by the discussion leader or myself to prevent this problem. (c) Using the discussion to argue for political positions and/or beliefs. If political discussions arise, they must be discussed as scholarly endeavors (see above). (d) Using raised tones, yelling, engaging in arguments with other students, and being physically aggressive. (e) Ignoring your instructor's authority to protect the integrity of the classroom. Anyone who violates these guidelines will be asked to cease and desist and may be asked to leave the classroom and/or drop the course.

## DISABILITY ACCOMMODATIONS

### Kokua

Any student who feels s/he may need an accommodation based on the impact of a disability is invited to contact me privately. I would be happy to work with you, and the KOKUA Program (Office for Students with Disabilities) to ensure reasonable accommodations in my course. KOKUA can be reached at (808) 956-7511 or (808) 956-7612 (voice/text) in room 013 of the Queen Lili'uokalani Center for Student Services.

## SYLLABUS CHANGE POLICY

This syllabus is a guide for the course and is subject to change with advanced notice.

## YOUR AGREEMENT

If you have any questions about the syllabus or any element of this course, ask me right away. You will be asked to confirm your agreement with the syllabus later in the course. Without agreement, your assignments and exams will not be graded. Note that if you cannot agree with the syllabus, you have an option of dropping from the course.

## COURSE SCHEDULE of ASSIGNMENTS and EXAMINATIONS

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	<b>Topic</b>	<b>Date</b>
Lab 1	SPSS Introduction, Data Input	05/27/09
Lab 2	Mean, Chart, & Graph	06/01/09
Lab 3	Dispersion, Skewness, & Kurtosis	06/03/09
Lab 4	Probability	06/08/09
	<b>Midterm</b>	06/10/09
Lab 5	Hypothesis testing	06/15/09
Lab 6	ANOVA/Interpretation	06/17/09
Lab 7	Correlation/Interpretation 1	06/22/09
Lab 8	Regression/Interpretation 1	06/24/09
Lab 9	Correlation/Interpretation 2	06/29/09
Lab 10	Regression/Interpretation 2	07/01/09
	<b>Final Exam/Project Due</b>	07/02/09

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